

Title (en)
ABSORBING ARTICLE

Title (de)
SAUGFÄHIGER GEGENSTAND

Title (fr)
ARTICLE ABSORBANT

Publication
EP 2067458 A1 20090610 (EN)

Application
EP 07807866 A 20070926

Priority
• JP 2007068650 W 20070926
• JP 2006266149 A 20060929
• JP 2007166618 A 20070625

Abstract (en)
A wetness indicator composition contains (a) 0.1 % to 5% by weight of a pH indicator that is substantially colorless at pH 7 and develops a color in an acidic environment, (b) 20% to 90% by weight of a surfactant, (c) 5% to 55% by weight of a polyalkylene glycol, (d) 0% to 70% by weight of a polymer having a carboxyl group, and (e) 0.1% to 5% by weight of an acidic substance other than components (b) and (d). In an absorbent article including a topsheet 2, a backsheet 3, and an absorbent member 4 interposed between the topsheet 2 and the backsheet 3 and having applied thereon a hot-melt composition that changes color on contact with a body fluid, the wetness indicator composition is used as the hot melt composition.

IPC 8 full level
A61F 13/42 (2006.01); **A61F 13/49** (2006.01)

CPC (source: EP KR US)
A61F 13/42 (2013.01 - EP KR US); **A61F 13/49** (2013.01 - KR); **A61F 13/53** (2013.01 - KR); **A61L 15/56** (2013.01 - EP US)

Cited by
EP2513233A4; CN107921171A; CN103140623A; KR20120034102A; EP2454093A4; AU2010272272B2; CN113543758A; US2012150134A1; US8871994B2; EP2648670A4; RU2624435C2; US9555147B2; US10383972B2; US10953129B2; WO2016166592A1; US9475952B2; WO2011007290A3; WO2020190625A1; EP2601921B1

Designated contracting state (EPC)
DE FR GB SE

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 2067458 A1 20090610; EP 2067458 A4 20111130; EP 2067458 B1 20121121; JP 2008104850 A 20080508; KR 101389692 B1 20140429; KR 20090061633 A 20090616; RU 2009116241 A 20101110; RU 2428962 C2 20110920; TW 200820952 A 20080516; TW I474808 B 20150301; US 2009326494 A1 20091231; US 8080704 B2 20111220; WO 2008038654 A1 20080403

DOCDB simple family (application)
EP 07807866 A 20070926; JP 2007068650 W 20070926; JP 2007166618 A 20070625; KR 20097006093 A 20070926; RU 2009116241 A 20070926; TW 96136668 A 20070929; US 44338907 A 20070926